



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kiehl, *et al.* Docket No: 2003 P 52929 US  
Filed: December 3, 2003 Art Unit: 2816  
Serial No.: 10/727,106 Examiner: TBD  
For: Methods and Apparatus for Active Termination of High-Frequency Signals

Mail Stop: Missing Parts  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL OF FORMAL DRAWINGS**

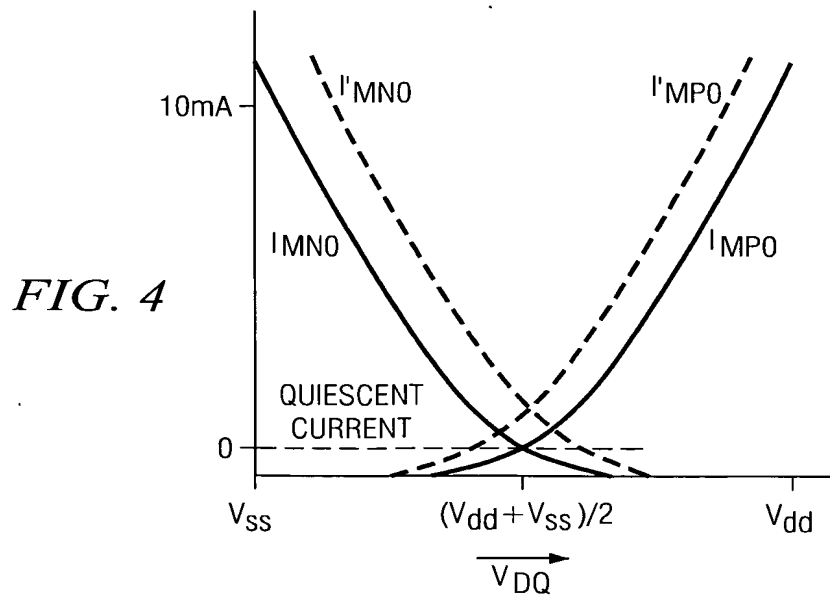
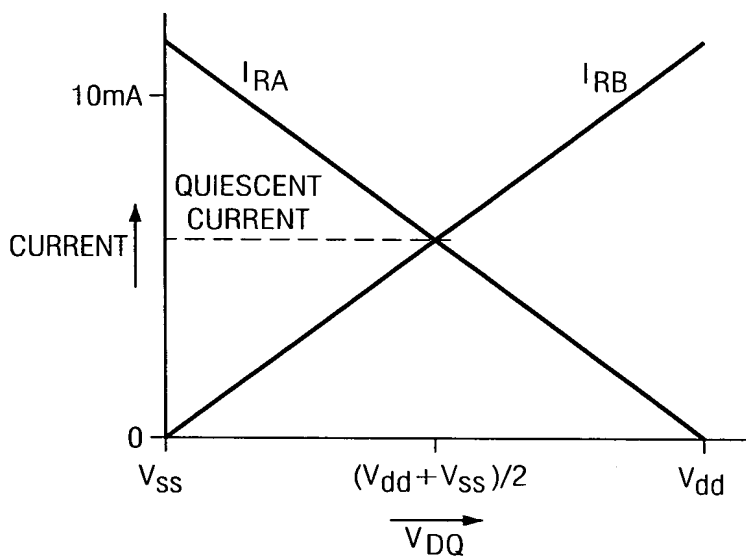
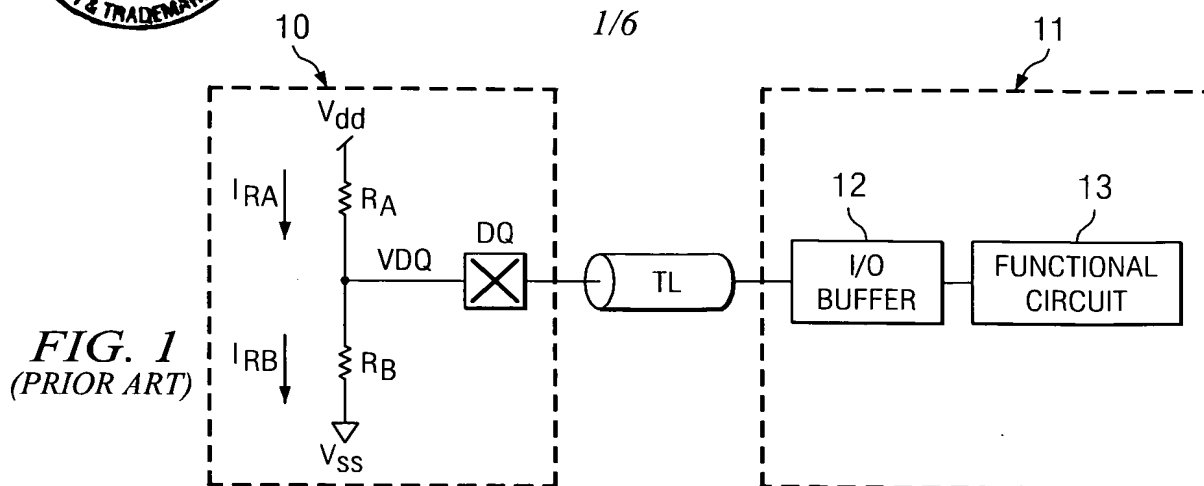
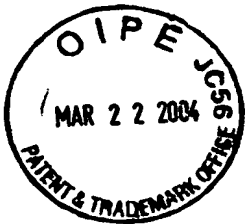
Dear Sir:

Submitted herewith are six (6) sheets of formal drawings for the above-identified application.

Respectfully submitted,

Ira S. Matsil  
Attorney of Record  
Reg. No. 35,272

Slater & Matsil, L.L.P.  
17950 Preston Rd., Suite 1000  
Dallas, TX 75252-5793  
Tel: (972) 732-1001  
Fax: (972) 732-9218



2/6

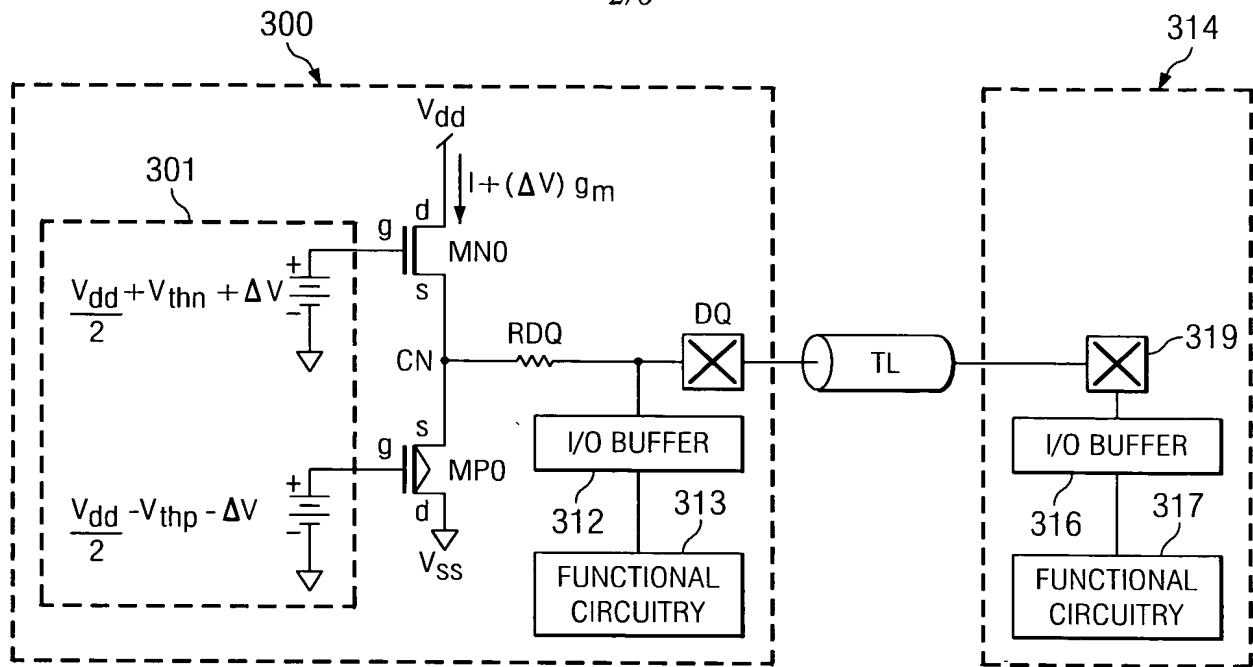


FIG. 3

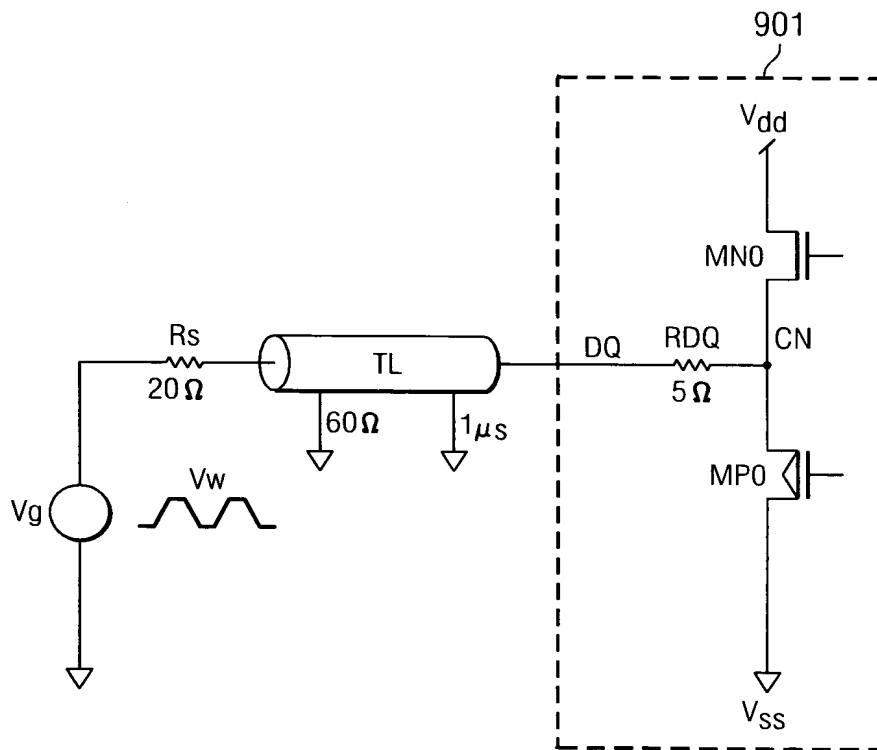
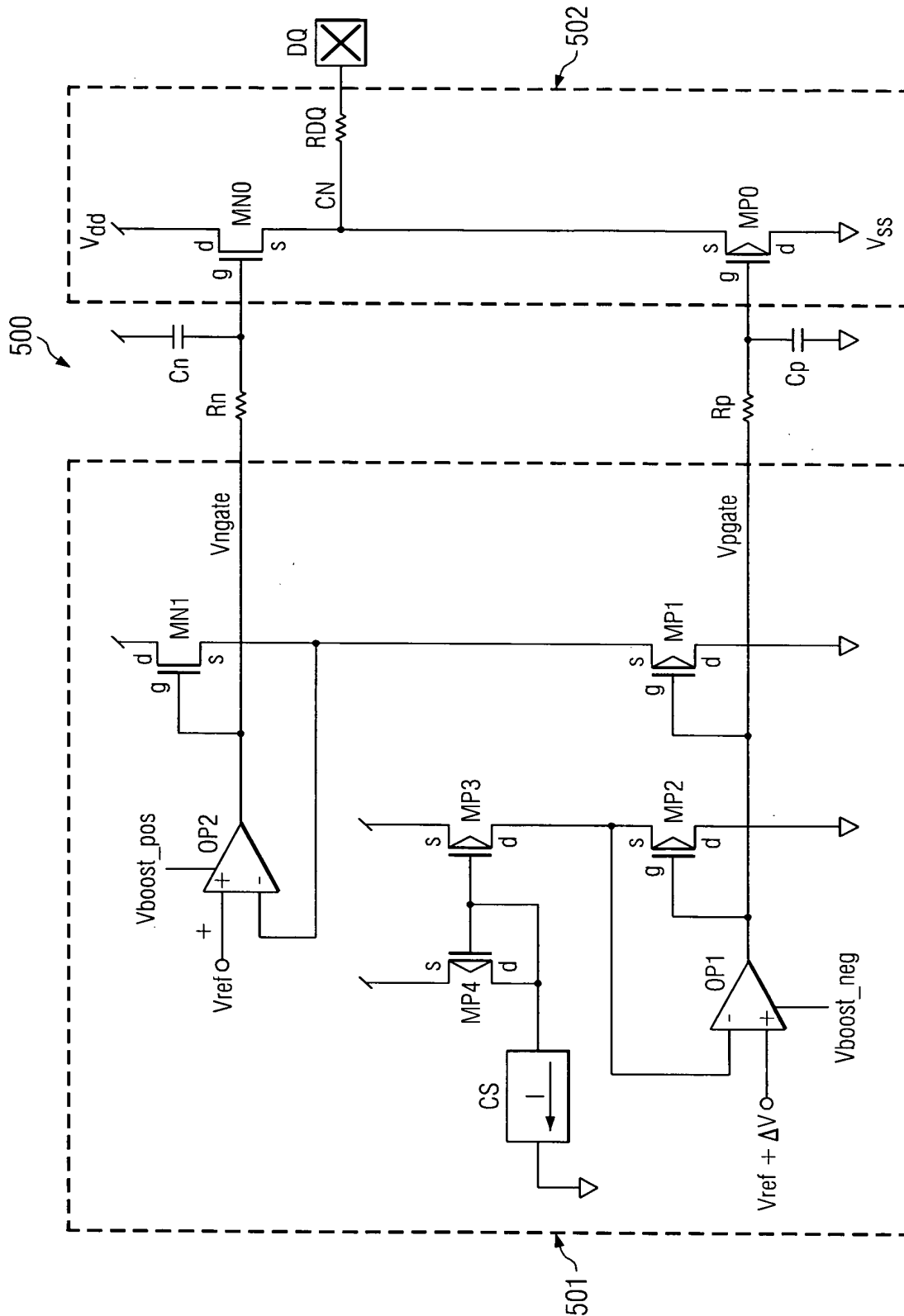


FIG. 9



**FIG. 5**



FIG. 6

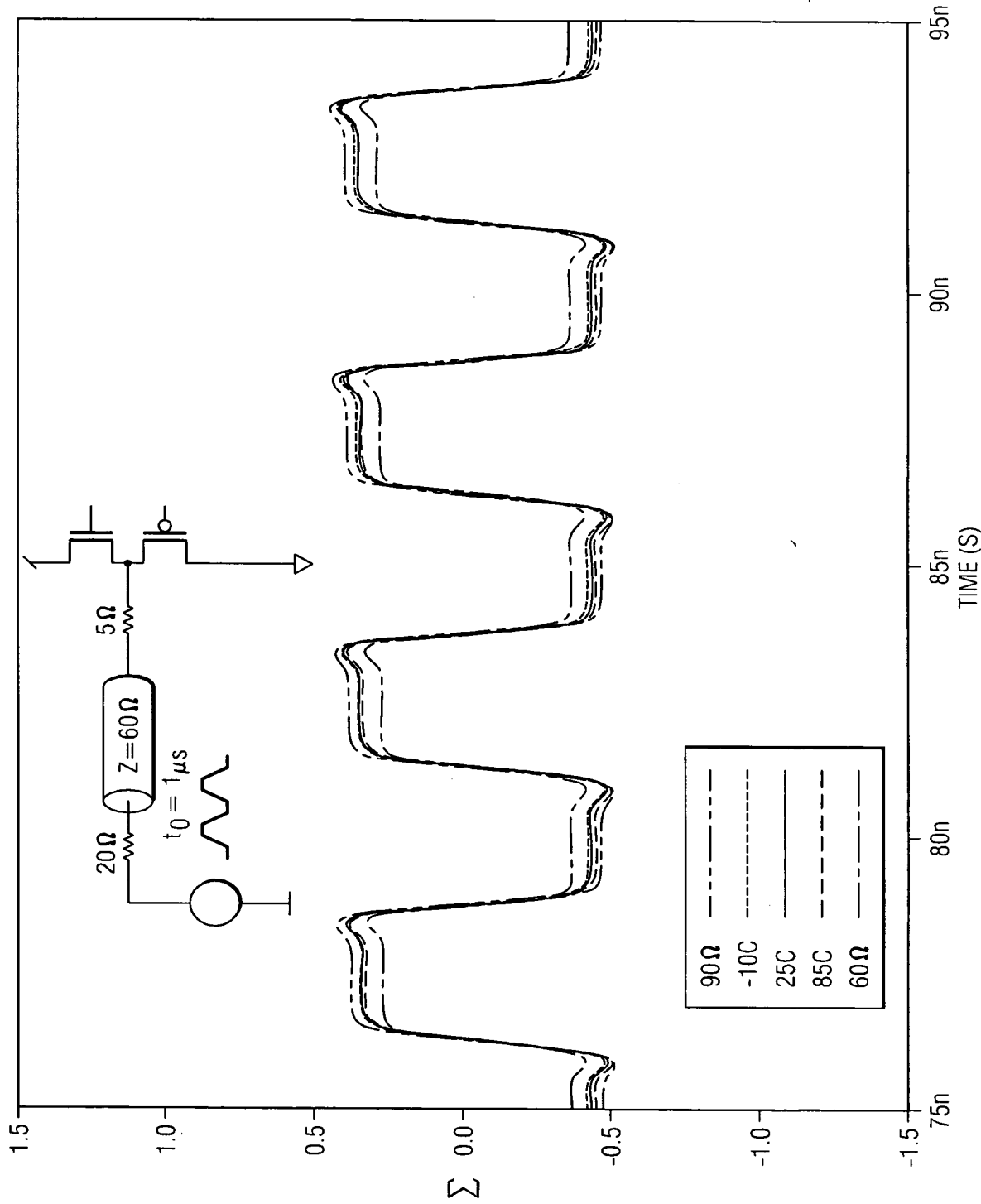


FIG. 7

ON-DIE TERMINATOR N-P DIODE  
VOUT = 1.7V - 1.9V; T = -10°C TO +85°C

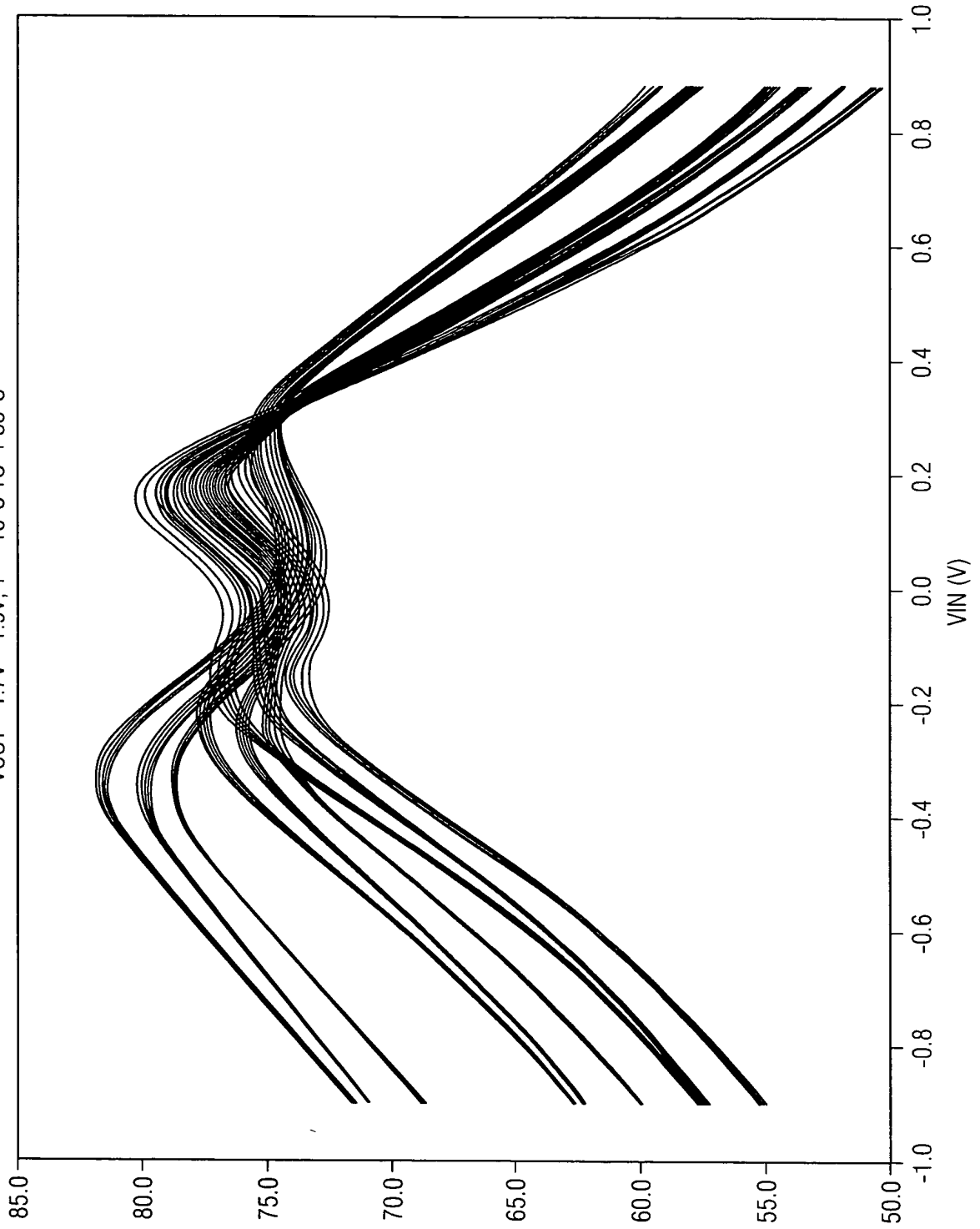


FIG. 8